

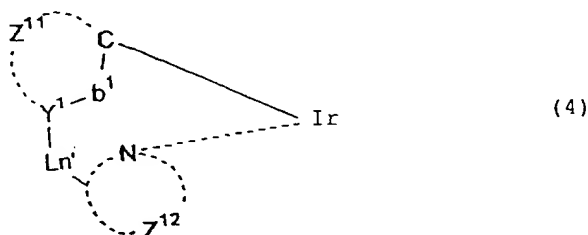
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-4 (canceled).

Claim 5 (currently amended): An organic light-emitting device comprising a light-emitting layer or a plurality of thin organic compound layers containing a light-emitting layer ~~formed~~ interposed between a pair of electrodes, wherein at least one layer comprises ~~a~~ at least one light-emitting material having a partial structure ~~represented by~~ selected from the group of the following formula (4) to (7), ~~and (9), [[,]] (22)-or~~ and a tautomer thereof:



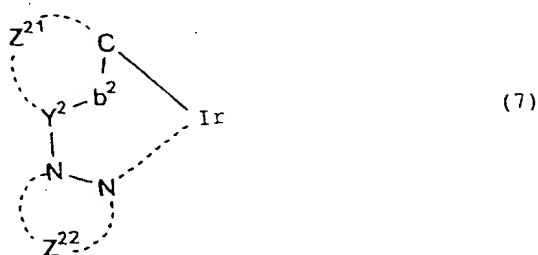
wherein Z^{11} and Z^{12} each represent a nonmetallic atom group required to form a 5- or 6-membered ring with at least one of carbon atom and nitrogen atom, said ring optionally having a substituent or forming a condensed ring with another ring; Ln^1 represents a divalent group; Y^1 represents a nitrogen atom or carbon atom; and b^1 represents a single bond or double bond,



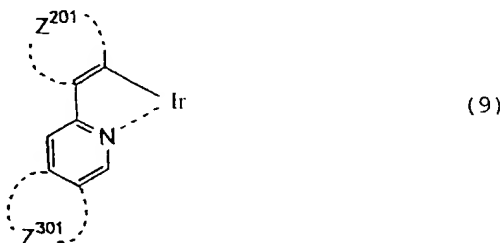
wherein CO represents a carbonyl group and the carbon atom directly bonds to Ir,



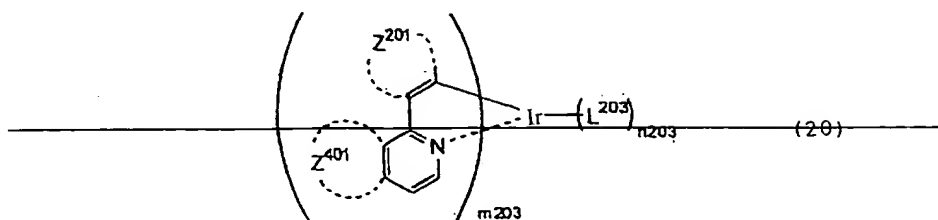
wherein CN represents a cyano group and the carbon atom directly bonds to Ir,



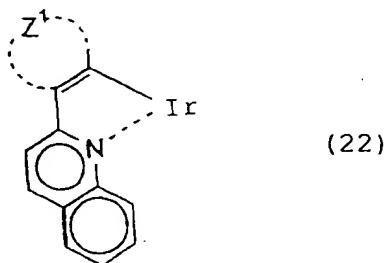
wherein Z^{21} and Z^{22} each represent a nonmetallic atom group required to form a 5- or 6-membered ring, said ring optionally having a substituent or forming a condensed ring with another ring; Y^2 represents a nitrogen atom or carbon atom; and b^2 represents a single bond or double bond, Z^{22} represents a nonmetallic atom group required to form a 1,2,3-triazole ring, a 1,2,4 triazole ring, or a pyridazine ring,



wherein Z^{201} and Z^{301} each represent an atomic group for forming an aryl or heteroaryl ring,



wherein Z^{201} and Z^{401} each represent an atomic group for forming an aryl or heteroaryl ring, L^{203} is a nitrogen-containing heterocyclic ligand to coordinate Ir metal as bidentate ligand, $m203$ represents an integer of from 1 to 3 and $n203$ represents an integer of from 0 to 2, and $m203$ and $n202$ represent the number of ligands required to satisfy a coordination number 6 of iridium;



wherein Z^1 represents an atomic group which forms a heteroaryl ring.

Claim 6 (previously presented): An organic light-emitting device according to claim 5, wherein at least one layer consists essentially of the light-emitting material.

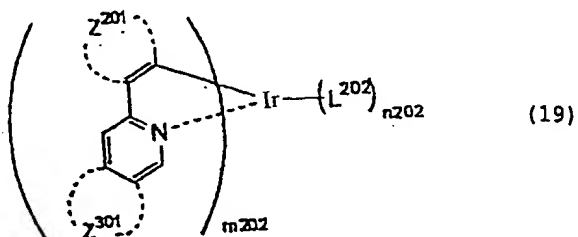
Claim 7 (original): The light-emitting device according to Claim 5, wherein said layer comprising the light-emitting material is formed by a coating process.

Claims 8-9 (canceled).

Claim 10 (previously presented): The organic light-emitting device according to claim 5, wherein Z^1 of formula (7) represents a nonmetallic atom group required to form an imidazole ring, thiazole ring, pyrrole ring, pyridine ring or pyrimidine ring.

Claims 11-14 (canceled).

Claim 15 (currently amended): An organic light-emitting device ~~is~~ comprising a light-emitting layer or a plurality of thin organic compound layers containing a light-emitting layer ~~formed~~ interposed between a pair of electrodes, wherein at least one layer comprises ~~a~~ at least one light-emitting material having a partial structure ~~represented by~~ selected from formula (19) ~~or and~~ a tautomer thereof:



wherein Z^{201} and Z^{301} each represent an atomic group for forming an aryl or heteroaryl ring, L^{202} is a ligand required to form an orthometalated iridium complex, nitrogen-containing heterocyclic ligand or diketone ligand, n_{202} represents an integer of from 0 to 4 and m_{202} represents an integer of from 1 to 3, and n_{202} and m_{202} represent the number of ligands required to satisfy a 6 coordination number of iridium.

Claim 16 (previously presented): The organic light-emitting device according to claim 15, wherein L^{202} is a ligand required to form an orthometalated iridium complex.

Claim 17 (previously presented): The organic light-emitting device according to claim 15, wherein m_{202} is 3 and n_{202} is 0.

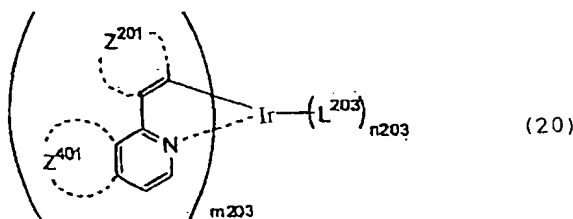
Claim 18 (previously presented): The organic light-emitting device according to claim 5, wherein the partial structure is represented by formula (4).

Claim 19 (previously presented): The organic light-emitting device according to claim 5, wherein the partial structure is represented by formula (7).

Claim 20 (previously presented): The organic light-emitting device according to claim 5, wherein the partial structure is represented by formula (9), wherein Z^{201} represents an atomic group for forming a heteroaryl ring.

Claim 21 (previously presented): The organic light-emitting device according to claim 5, wherein the partial structure is represented by formula (22).

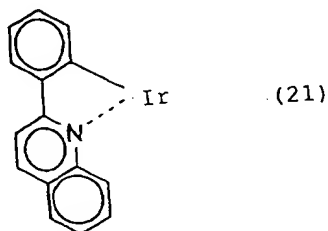
Claim 22 (currently amended): An organic light-emitting device comprising a light-emitting layer or a plurality of thin organic compound layers containing a light-emitting layer ~~formed~~ interposed between a pair of electrodes, wherein at least one layer comprises ~~a~~ at least one light-emitting material having a partial structure ~~represented by~~ selected from the following formula (20) ~~or and~~ a tautomer thereof:



wherein Z^{201} represents an atomic group for forming a heteroaryl ring and Z^{401} represents an atomic group for forming an aryl or heteroaryl ring, L^{203} is a ligand required to form an orthometalated iridium complex to coordinate Ir metal as bidentate ligand, m^{203} represents an integer of from 1 to 3 and n^{203} represents an integer of from 0 to 2, and m^{203} and n^{203} represent the number of number of ligands required to satisfy a coordination number 6 of iridium.

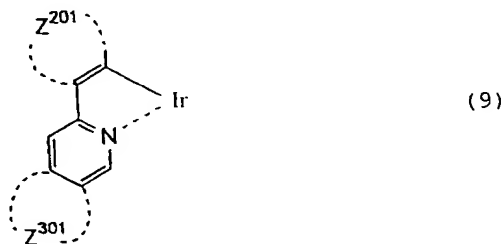
Claim 23 (currently amended): An organic light-emitting device comprising a light-emitting layer or a plurality of thin organic compound layers containing a light-emitting layer ~~formed~~ interposed between a pair of electrodes, wherein at least one layer comprises ~~a~~ at least

one light-emitting material having a partial structure ~~represented by~~ selected from the following formula ~~or~~ and a tautomer thereof:



Claim 24 (canceled).

Claim 25 (currently amended): An organic light-emitting device comprising a light-emitting layer or a plurality of thin organic compound layers containing a light-emitting layer interposed between a pair of electrodes, wherein at least one layer comprises a light-emitting material having a partial structure ~~represented by~~ selected from the following formula (9) ~~or~~ and a tautomer thereof:



wherein Z^{201} and Z^{301} each represent an atomic group for forming an aryl or heteroaryl ring.

Claim 26 (canceled).

Claim 27 (new): The organic light-emitting device according to claim 5, wherein the partial structure is represented by formula (5).

Claim 28 (new): The organic light-emitting device according to claim 5, wherein the partial structure is represented by formula (6).